| Index | of Claims | |
|-------|-----------|--|
| | | |

| Application No. | Applicant(s) | |
|-----------------|---------------------|--|
| 10/604,294 | FOOTE, FREDERICK C. | |
| Examiner | Art Unit | |
| Daniel Zirker | 1771 | |

| / | Rejected | _ | (Through numeral) Cancelled |
|---|----------|---|--------------------------------|
| = | Allowed | ÷ | Restricted |

| N | Non-Elected |
|---|--------------|
| ı | Interference |

| Α | Appeal |
|---|----------|
| 0 | Objected |

| Eu Formula Fo | Claim | Date | 10.4 | Claim | Date | | Cla | im | | . [| Date | | | |
|---|---------|-------------------|----------------|--------------|------|-------|-----|-----|---|--------|-----------------|-------------|---------------|------------------|
| 1 V | <u></u> | 12 | | - | | | | _ | | | $\lceil \rceil$ | | \Box | T |
| 1 V | la la | 9 | | ja lat | | | ब्र | ij | | İ | | ı | | |
| 1 V | E E | 6 | | 년 <u>년</u> | | | 证 | -iğ | | | | | | |
| 4 | | | . // | | | | | | | | | | | 11 |
| 4 | | | 1 8 | 51 | | | | | | | | | 丁 | \top |
| 4 | | | | | | | | 102 | | | | | | |
| 4 | | | | 53 | | | | 103 | | | | \neg | | |
| 7. 10 107 108 9 10 60 109 109 10 60 110 111 111 111 111 111 111 112 112 112 113 112 113 112 113 114 115 115 116 116 116 116 116 116 116 116 116 116 117 116 117 117 118 118 119 117 117 117 118 119 117 117 117 118 119 119 117 117 118 119 117 117 118 119 119 119 119 119 117 118 119 117 118 119 | | | | | | | | | | | | | | 77 |
| 7. 1 1 57 1007 107 8 9 9 100 60 110 110 10 1 60 1110 111 | | | | 55 | | | | 105 | | | | | | |
| S | | | | | | | | 106 | | | | | \top | \Box |
| 8 108 9 59 10 60 11 61 11 62 13 63 14 64 15 65 16 66 17 67 18 19 20 70 21 71 22 72 23 73 24 74 25 75 26 76 27 77 28 78 29 79 30 80 31 81 32 82 33 131 34 84 35 85 36 130 33 83 34 134 35 135 36 136 37 133 33 131 34 134 35 85 36 136 | | | | | | | | | | | | | \top | \Box |
| 10 | | | 100 | 58 | | | | 108 | | | | | | \Box |
| 11 | | | _ 535 | | | | | | | | | П | \top | \top |
| 12 | | | | | | | | 110 | | | | П | | \Box |
| 13 | | | | | | | | 111 | | | | \Box | \Box | |
| 13 | | | | | | | | | | | | | | \square |
| 15 | | | | | | | | 113 | | | 1 | | | \Box |
| 15 | | | 4 | | | | | 114 | | | | | | |
| 17 | | | | | | | | 115 | | | | | floor | |
| 18 19 ✓ 68 118 119 ✓ 120 ✓ 119 ✓ 120 ✓ 120 ✓ 120 ✓ 120 ✓ 120 ✓ 121 ✓ 121 ✓ 121 ✓ 121 ✓ 121 ✓ 121 ✓ 122 ✓ 22 ✓ 122 ✓ 122 ✓ 22 ✓ 123 ✓ 22 ✓ 124 ✓ ✓ 124 ✓ ✓ 124 ✓ ✓ 124 ✓ ✓ 124 ✓ ✓ 124 ✓ ✓ 125 ✓ 75 125 ✓ 76 ✓ 127 ✓ 77 77 77 77 77 77 77 77 77 77 79 129 30 30 80 90 90 90 129 30 30 30 80 130 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>116</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> | | | | | | | | 116 | | | | | | |
| 19 ♥ | | | | | | | | | | | | | | |
| 20 70 120 121 121 121 121 122 122 122 122 122 123 123 123 123 124 124 124 124 124 125 125 125 125 126 126 126 126 126 126 127 127 127 127 127 128 128 128 129 129 130 130 130 130 130 131 131 131 131 131 131 132 132 132 133 134 134 134 134 134 134 135 135 136 137 137 137 137 137 137 138 138 138 138 | | | | | | | | 118 | [[| | | | | \Box |
| 21 22 71 121 122 123 123 123 124 122 123 124 124 124 124 124 125 125 125 125 125 125 125 126 127 127 127 127 127 127 127 127 127 128 128 128 128 128 129 129 129 129 130 130 131 131 131 131 131 131 131 131 132 132 132 133 133 133 133 133 133 133 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 134 135 136 136 136 136 137 136 137 137 138 138 138 138 138 138 139 140 140 141 141 142 142 142 143 143 144 144< | | $ oldsymbol{ u} $ | | 69 | | | | 119 | | | | | | \Box |
| 122 | | | | | | | | 120 | | | | \neg | | \Box |
| 23 73 123 124 124 124 124 124 125 125 125 125 125 125 125 126 127 127 127 127 128 128 128 128 129 129 129 129 130 130 131 131 131 131 131 132 132 132 133 133 133 133 134 134 134 134 134 134 134 134 135 135 135 135 135 135 135 135 135 135 136 136 137 137 137 137 137 137 137 137 137 137 138 139 140 140 141 141 141 141 141 141 141 141 141 141 141 142 142 142 143 143 144 144 144 144 144 | 21 | | K _a | | | | | 121 | | | | \neg | \top | 7 |
| 23 24 74 123 124 124 124 124 125 125 125 125 125 125 125 126 126 126 127 127 127 127 127 127 128 128 128 129 129 129 129 130 130 131 131 131 131 131 131 131 131 131 132 132 132 132 133 133 133 133 133 134 134 134 134 134 134 134 135 135 135 135 135 135 136 137 137 137 137 137 137 137 137 137 138 138 139 140 141 141 141 141 141 141 141 142 142 143 144 144 144 144 144 144 144 144 144 144 144 144 144 145 145 145 146 146 147< | | | | | | | | 122 | | | | | \top | \top |
| 24 74 124 125 125 126 125 126 126 126 126 127 127 127 127 127 127 127 128 128 128 128 129 129 129 130 130 130 131 131 131 131 131 131 131 131 131 132 132 132 133 133 133 133 133 133 133 134 134 134 134 135 135 135 135 136 137 137 136 137 137 138 138 138 138 139 140 141 141 141 141 141 141 141 141 141 142 142 142 143 144 144 145 145 146 146 147 | 23 | | | 73 | | | | 123 | | | | | \neg | \Box |
| 125 | 24 | | | 74 | | | j | 124 | | | \neg | | | |
| 26 76 126 127 28 78 128 128 29 79 129 129 30 80 130 131 31 81 131 131 32 82 132 132 33 83 133 133 34 84 134 134 35 85 135 35 36 86 136 136 37 87 137 137 38 88 138 139 40 90 140 141 41 91 141 142 43 93 143 143 44 94 144 144 45 95 145 146 47 97 147 147 | 25 | | | | | | | 125 | | | | | 7 | |
| 27 28 77 128 128 128 129 129 129 129 129 129 130 130 131 131 131 131 132 132 132 132 133 133 133 133 133 134 134 134 134 135 135 135 135 135 136 137 137 136 137 137 138 138 138 138 138 139 140 140 140 140 141 141 141 142 143 144 144 144 144 144 144 144 144 144 145 146 146 146 146 146 146 147 | 26 | | | 76 | | 77 | | 126 | | | | \neg | | 17 |
| 28 78 128 29 79 129 30 80 130 31 81 131 32 82 132 33 83 133 34 84 134 35 85 135 36 86 136 37 87 137 38 88 138 39 90 140 40 90 140 41 91 141 42 92 142 43 93 143 44 94 144 45 95 145 46 96 146 47 97 147 | 27 | | | | | | | 127 | | | | 一 | | 77 |
| 29 79 129 30 80 130 31 81 131 32 82 132 33 83 133 34 84 134 35 85 135 36 86 136 37 87 137 38 88 138 39 89 139 40 90 140 41 91 141 42 92 142 43 93 143 44 94 144 45 95 145 46 96 146 47 97 147 | 28 | | | | | | | 128 | | | | \neg | | \Box |
| 30 80 130 131 31 81 131 131 32 82 132 133 33 83 133 133 34 84 134 134 35 85 135 136 36 86 136 137 38 87 137 137 38 88 138 138 39 90 140 140 41 91 141 141 42 92 142 142 43 93 143 143 44 94 144 144 45 95 145 146 46 96 146 146 47 97 147 147 | 29 | | | 79 | | | | 129 | | \top | \neg | | $\neg \neg$ | \Box |
| 31 81 131 132 32 83 132 133 34 84 134 134 35 85 135 136 37 86 136 137 38 88 138 138 39 88 138 139 40 90 140 140 41 91 141 141 42 92 142 143 43 93 143 144 44 94 144 144 45 96 146 146 47 97 147 147 | | | | 80 | | 111.2 | | 130 | | \Box | | 7 | | \top |
| 33 83 133 134 134 134 134 134 134 135 135 135 135 136 136 137 137 137 137 137 137 138 138 138 138 138 139 139 140 140 141 141 141 141 141 141 142 142 142 143 144 144 144 145 145 146 147 | 31 | | | | | 1000 | | 131 | | \top | | T | 丁 | \Box |
| 33 34 35 34 35 36 36 36 36 36 36 36 36 36 36 36 36 36 36 36 37 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>\Box</td><td></td><td></td><td>\top</td><td>\Box</td></td<> | | | | | | | | | | \Box | | | \top | \Box |
| 35 85 135 36 86 136 37 87 137 38 88 138 39 89 139 40 90 140 41 91 141 42 92 142 43 93 143 44 94 144 45 95 145 46 96 146 47 97 147 | | | | 83 | | 100 | | 133 | | | | \neg | \top | \Box |
| 35 85 135 136 36 86 136 137 37 87 137 137 38 88 138 139 40 90 140 140 41 91 141 141 42 92 142 143 43 93 143 144 45 95 145 145 46 96 146 147 47 97 147 147 | 34 | | 1.24 | 84 | | 33 | | 134 | | 1 | \neg | 丁 | \neg | \Box |
| 36 86 136 137 37 87 137 137 38 88 138 138 39 90 140 140 41 91 141 141 42 92 142 143 43 93 143 144 44 94 144 144 45 95 145 146 46 96 146 147 | 35 | | | | | 105 | | 135 | | | T | | | П |
| 37 87 137 138 38 88 138 138 39 90 140 140 41 91 141 141 42 92 142 142 43 93 143 144 44 94 144 144 45 95 145 146 46 97 97 147 | | | | | | | | 136 | | | \neg | | \neg | \Box |
| 38 88 138 139 39 90 139 139 40 90 140 140 41 91 141 141 42 92 142 142 43 93 143 143 44 94 144 144 45 95 145 146 46 97 147 147 | | | | 87 | | | | 137 | | | 一 | T | $\neg \vdash$ | \top |
| 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 147 49 146 47 97 | | | | | | | | 138 | | | \neg | T | $\neg \vdash$ | П |
| 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 40 140 141 141 142 142 143 144 145 145 146 146 147 147 | 39 | | | | | | | 139 | | 1 | \dashv | 寸 | \top | \sqcap |
| 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 97 49 147 40 97 41 141 42 142 43 143 44 144 45 145 46 146 47 97 48 147 49 147 40 147 | 40 | | | | | | | 140 | | | _ | | \neg | \top |
| 42 92 43 93 44 94 45 95 46 96 47 97 | | | | 91 | | | | 141 | | \top | _ | 十 | \neg | \sqcap |
| 43 93 143 44 94 144 45 95 145 46 96 146 47 97 147 | 42 | | | 92 | | | | 142 | | \top | | \top | | \Box |
| 47 97 147 147 | | | | | | | | | | | 7 | \top | | \sqcap |
| 47 97 147 147 | 44 | | 4. | | | | | 144 | | \top | _ | 十 | | \sqcap |
| 47 97 147 147 | | | | 95 | | | | 145 | | 1-1 | \dashv | \dashv | \top | \forall |
| 47 97 147 147 | | | | 96 | | 7-4 | | | | 11 | \dashv | \dashv | \neg | 1-1 |
| | | | | | | | | 147 | | + | + | \top | \top | \forall |
| 48 98 148 148 | 48 | | | 98 | | 11-1 | | 148 | 11 | +-1 | \dashv | _ | 1 | + |
| 49 99 149 149 | 49 | | | 99 | | 9.8 | | 149 | ++ | 1 | \dashv | 十 | \top | |
| 50 100 150 | 50 | | | 100 | | | | 150 | | 11 | 7 | \neg | $\neg \vdash$ | \forall |